

BL → ① Bu → ② KPC Behavior RD → ③
 DAY 24 MONTH 08 YEAR 09 KPC ST OTHERS Pm TW FOUND NEST

Time	Party Composition				Loc	F	SP	PT	MNK	BEH
	AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF						
629										
630	AT KK ST BB RD	BL BU BO		NP	10/17					⊙
636										
	KK left the night nest making faint hoots									
638										
	YB left his night nest									
639										
	AT left his night nest									
642										
	ST leaving his night nest.									
645	AJ KK ST BB YB	BL RD BU		BO NP	10/17					⊙
646										
	Someone made vocal displays and others made waa's									
648										
	Someone made non-vocal displays and buttress bungs chased ST and he fled screaming									
657										
	Chimps climbed into FNA for feeding moving food benches as they joined others. FBK									
700	KK AJ ST BK PB BB YB	BL RD BU AL		BO LO NP	19/19	✓	FNA	RF		⊙
715	KK AJ ST YB BB LK PB	BL RD BU LR AL		BO LO NP	"	✓	FNA	RF		RDT BLU
730	KK AJ ST YB BB LK PB	BL RD BU LR AL		BO LO NP	"	✓	"	"		RDT BLU
841										
	PB climbed down from the feeding tree									

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD	NvD	Chase	Attack			Victim ID	Response of Victim			Behavioral Context	Height T or G
					1	2	3		No	Av	Submission		

Copulation

Time	Duration	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes

At 15-MINUTE INTERVALS: Party composition, Location, Food, MNK
 Estrous: 1=None, 2=Partial, 3=Full
 AP: Adult play; CP: Copulation; CY: Carry; DR: Drink; ELE: Elephants; FBK: Food Bark; HCG: Hand-clasp groom; HNY: Honey
 IGI: Intergroup interaction; LF: Leaf use; MAT: Monkeys attack; PIG: Pigs; Pred: Predation; PTG: Pant-grunt; RN: Rain
 RD: Rain display; SOIL: Eating red soil; STK: Stick use; TLU: Tool use; UNF: Unusual food; Q: Other unusual events
 PAT: Patrol (Non-conflict hair erection? Sniff? Bipedal? Scan? Reassurance touch? Close single file?)

KPC Behavior

DAY 24 MONTH 08 YEAR 09 KPC ST OTHERS FM TW FOUND NEST

Time	Party Composition				Loc	F	SP	PT	MNK	BEH
	AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF						
745	KK BB ST AT PB WK YB	LR BL BU RD AL	LO BO AZ AI	NP AN	JG JY	✓	FNA	RF	RDI BLU	
746	BB chased RD and she fled pant-grunting									
751	LK climbed down from the feeding tree.									
751	BL BO BU and others left the group									
800	KK BB ST AT YB PB	LR RD AL	LO AI AZ	AN NP	JG JY	✓	FNA	RF	RDI BLU	
804	BB ST AL and others climbed down from the feeding tree.									
814	LK grooming ST									
815	KK BB ST AT YB WK PB	LR RD AL	LO AI AZ	AN NP	JG JY	✓	TRI	YL	⊙	
822	LK arm threatened NP and she fled screaming									
825	LK grooming AJ									
829	chumps climbed into FBR making food bangs									
830	KK BB ST AT YB WK PB	LR RD AL	LO AI AZ	AN NP	JG JY	✓	FBR	RF	⊙	
844	LR ⊙ climbed down from FBR									
845	KK BB ST AT YB WK PB	LR RD AL	LO AI AZ	AN NP	JG JY	✓	FBR	RF	⊙	
847	Hand clasp mutual groom ST → LK									
848	LK grooming ST after handclasp									
849	LR ⊙ makes a ground nest and lie on it									

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD	NvD	Chase			Attack			Victim			Response of Victim			Behavioral Context	Height T or G
				1	2	3	1	2	3	ID	No	Av	Submission	Tn	Rt		
746	BB			3sec							RD				F pant-grunting	Unknown	T

Copulation

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 RD: Rain display; SOIL: Eating red soil; STK: Stick use; TLU: Tool use; UNF: Unusual food; Q: Other unusual events
 PAT: Patrol (Non-conflict hair erection? Sniff? Bipedal? Scan? Reassurance touch? Close single file?)

KPC Behavior

DAY 24 MONTH 05 YEAR 09 KPC ST OTHERS Fm TW FOUND NEST

Time	Party Composition				Loc	F	SP	PT	MNK	BEH
	AMM	AFF (Include estrous)		JMM (Juveniles and Infants)						
851	KK grooming BB									
900	KK BB LK AJ 4B ST PB	AL LR RD	LO AJ AZ	NP AN	17/10	✓	FBR	RF	⊙	
901	BB grooming KK									
902	KK grooming BB									
904	BB grooming KK									
906	AT grooming BB									
913	Lo was heard sneezing									
915	KK BB LK AJ ST 4B PB	AL LR RD	LO AJ AZ	NP AN	17/10				⊙	
928	chumps made pant-hoots then other IDs									
	made Distant calls from North of Nyauagere									
930	KK BB LK AJ ST 4B PB	AL LR RD	LO AJ AZ	NP AN	17/10				⊙	
932	Distant calls heard from North of Nyauagere and the local group made pant-hoots									
932	Copulation female approach 4sec RD → AT CP									
936	AL makes a day nest tree of nest tree									
	Height 10m									
936	AT grooming 4B									

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD	NvD	Chase	Attack			Victim ID	Response of Victim			Behavioral Context	Height T or G
					1	2	3		No	AV	Submission		

Copulation

Time	Duration	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes
932	4sec	RD	AT	No	No	No	No	female	

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RT → ① WL → ① KPC Behavior OU → ① OT →
 DAY 24 MONTH 08 YEAR 09 KPC ST OTHERS TW FOUND NEST

Time	Party Composition					Loc	F	SP	PT	MNK	BEH
	AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF							
938		Handclasp Mutual groom									Hcg
943		Some individuals joined the party and they									
		all made point-hoots and point-barks,									
944		AT made <u>non-vocal displays</u> PB AT and si									
		all fled <u>point-banking</u> climbing trees									
945	KL BB AJ LK YB ST PB ES	LR RD OT AL WL OU OT	LO OV NP AN EU OM	17/10							①
947		LR grooming ES.									
951		PB approach OT and she screamed then PB									
		inspected her by touching her estrous and									
		groomed her shortly.									
952		OT grooming PB									
1000	KL BB AJ LK YB ST PB ES	LR RD OT AL WL OU OT	LO OV NP AN EU OM	17/10							①
1011		LR (L) climbed down from the feeding tree									
1015	KL BB AJ LK ST YB PB ES	LR RD OT AL WL OU OT	LO OV NP AN EU OM	17/10							①
1016		PB grooming LR									
1017		Handclasp Mutual groom LR → PB									Hcg
"		WL grooming PB after handclasp.									
1019		Handclasp Mutual groom WL → PB									Hcg

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD	NvD	Chase	Attack			Victim ID	Response of Victim			Behavioral Context	Height T or G
					1	2	3		No	Av	Submission		
944	AT		4sec				PB	F		point-banking	Unknown	g	

Copulation

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 RD: Rain display; SOIL: Eating red soil; STK: Stick use; TLU: Tool use; UNF: Unusual food; Q: Other unusual events
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KPC Behavior

DAY 24 MONTH 08 YEAR 09 KPC ST OTHERS TW FOUND NEST

Time	Party Composition				Loc	F	SP	PT	MNK	BEH
	AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF						
1020	PB grooming WL after handclasp									
1023	OU grooming ST									
1025	LR grooming KK									
"	LR playing with OG by hitting and tugging									AP
	LR biting and tugging OG									
1030	KK BB WL ST YB ESPB AT	OU AL LR AT WL RD OT	OLATAZ OG BVWC	NP DM 17 AN OLEU 10						⊙
1032	ES seen without a snare in his left hand and he can walk properly using the hand.									
1038	BB playing with OG by BB biting OG									AP
1039	KK playing with OM by KK patting OM									AP
1041	WL grooming OU									
1042	AT chased and she fled screaming, and at the same time KK made non vocal displays and ST avoided casual silent									
1044	Handclasp Mutual groom OU → YB									HCG
"	RD made screams as AT was moving towards her with PB chased AT and she fled screaming.									
1045	KK BB WL ST YB AT ESPB	OU AL LR AT WL RD OT	OLATAZ OG BVWC	NP DM 17 AN OLEU 10						⊙
"	OU grooming YB after handclasp groom									

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD	NvD	Chase			Attack			Victim			Response of Victim			Behavioral Context	Height T or G
				1	2	3	1	2	3	ID	No	Av	Submission	Tn	Rt		
1042	AT									WL	F	Scream				Unusual protection	g
1044	PB									AT	F	Scream					g

Copulation

Time	Duration	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes

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 RD: Rain display; SOIL: Eating red soil; STK: Stick use; TLU: Tool use; UNF: Unusual food; Q: Other unusual events
 PAT: Patrol (Non-conflict hair erection? Sniff? Bipedal? Scan? Reassurance touch? Close single file?)

KPC Behavior

DAY 24 MONTH 08 YEAR 09 KPC ST OTHERS TW FOUND NEST

Time	Party Composition				Loc	F	SP	PT	MNK	BEH
	AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF						
1049	PB made non-vocal displays chased WL and she fled screaming, on also fled screaming climbing a tree and at the same time YB made non-vocal displays PB fled climbing a tree making pant-grunt									
1052	BB chased and made attack ① to WL with a slap and WL fled screaming and other made wags									
1100	WL BB AJ ST	OU AL LR	DG AT	NP OM	17					⊙
	WL YB PB BS	BTW L O TR D	AZ LO	EN AN	19					
1100	WL grooming WC									
1103	WL feed in on brown soil from a ground hole hole									
1105	LR grooming AJ									
1105	WL approach pant-grunt and present to WL and he inspected her by touching her estrous and smell on his fingers									
1110	AT playing with OG by chasing and touching each other									

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD	NvD	Chase	Attack			Victim ID	Response of Victim			Behavioral Context	Height T or G
					1	2	3		No	Av	Submission		
1049	PB		4sec	bse				WL	F	Scream		Unknown	g
1052	PB		4sec	✓				WL	F	Screaming		Unknown	g

Copulation

Time	Duration	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes

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 AP: Adult play; CP: Copulation; CY: Carry; DR: Drink; ELE: Elephants; FBK: Food Bark; HCG: Hand-clasp groom; HNY: Honey
 IGI: Intergroup interaction; LF: Leaf use; MAT: Monkeys attack; PIG: Pigs; Pred: Predation; PTG: Pant-grunt; RN: Rain
 RD: Rain display; SOIL: Eating red soil; STK: Stick use; TLU: Tool use; UNF: Unusual food; Q: Other unusual events
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KPC Behavior

DAY 20 MONTH 08 YEAR 09 KPC 5J OTHERS TW FOUND NEST

Time	Party Composition				Loc	F	SP	PT	MNK	BEH
	AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF						
1112	LR grooming Lo									
1115	KL BB AJ LK OU AL LR	OG ATAZ NP EU			17/					⊙
	ST YB PB ES BT WL OTRD	LO BV WC AN OL			59					
1125	WC was heard sneezing									
1130	KL BB AJ LK OU AL LR	OG ATAZ NP EU			17/					⊙
	ST YB PB ES BT WL OTRD	LO BV WC AN OL			59					
1145	KL BB AJ LK OU AL LR	OG ATAZ NP EU			11					⊙
	ST YB PB ES BT WL OTRD	LO BV WC AN OL								
1145	Wh approach <u>pant-grunt</u> to LK and LK groomed her.									
1150	ES groom BB									
1150	AJ was playing with EU, then they played AP badly and EU screamed.									
1159	EU <u>threatened</u> RD by arm waving and RD screamed and <u>retaliated</u> by arm waving and EU groomed her. RD <u>approached</u> while screaming mount NP and groomed her.									
1200	KL BB AJ LK OU AL LR	OG ATAZ NP EU			17/					⊙
	ST YB PB ES BT WL OTRD	LO BV WC AN OL			59					
1201	NP grooming RD									
1206	KL moved then PB <u>pant-grunted</u> and groomed him shortly.									

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD	NvD	Chase	Attack			Victim ID	Response of Victim			Behavioral Context	Height T or G
					1	2	3		No	Av	Submission		

Copulation

Time	Duration	Fem	Male	Interfere?	Groom?	Scream?	Dart	Who approached?	Notes

At 15-MINUTE INTERVALS: Party composition, Location, Food, MNK Estrous: 1=None, 2=Partial, 3=Full
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KPC Behavior

DAY 24 MONTH 08 YEAR 09 KPC ST OTHERS TW FOUND NEST

Time	Party Composition				Loc	F	SP	PT	MNK	BEH
	AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF						
1215	KK BB AJLK ST YB ES PB	OU AL LR BT WL OT RD	OGATAZ LO BVWE	EU NP AN OM OL	JG IF				⊙	
1224	Someone was <u>attacked</u> in dense <u>Wen</u> and the victim made <u>screams</u> and others made <u>wear-banks</u>									
1227	AJ feeding ANT ML									
1230	KK BB AJLK ST YB ES PB	OU AL LR BT WL OT RD	OGATAZ LO BVWE	EU NP AN OM OL	JG IF				⊙	
1245	KK BB AJLK ST YB ES PB	OU AL LR BT WL OT RD	OGATAZ LO BVWE	EU NP AN OM OL	JG IF				⊙	
1251	LR playing with Lo by <u>patting</u> and <u>tickling</u> Lo									
1300	KK BB AJLK ST YB ES PB	OU AL LR BT WL OT RD	OGATAZ LO BVWE	EU NP AN OM OL	JG IF				⊙	
1308	LK carry Lo for about 2m									
1308	LK approach LR and LR groom him									
1315	KK BB AJLK ST YB ES PB	OU AL LR BT WL OT RD	OGATAZ LO BVWE	EU NP AN OM OL	JG IF				⊙	
1329	KK <u>chased</u> ES and he fled <u>screaming</u> and he approached BB and BB ignored then KK made non-vocal displays and ES made <u>wear-banks</u> .									
1330	KK BB AJLK ST YB ES PB	OU AL LR BT WL OT RD	OGATAZ LO BVWE	EU NP AN OM OL	JG IF				⊙	
1332	Chimps moved into THV for feeding others separated									
1345	KK BB AJLK ST YB ES PB	LR RD	Lo		JG IF				⊙	

Aggression/Received Aggression (Use additional sheets and describe on back if necessary)

Time	ID	VD	NvD	Chase	Attack			Victim ID	Response of Victim			Behavioral Context	Height T or G
					1	2	3		No	Av	Submission		
1329	KK			bsec				ES	A	Screaming		Unknown	G

Copulation

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KPC Behavior

DAY 24 MONTH 08 YEAR 09 KPC ST OTHERS TW FOUND

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	AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF						
1400	KK BB AJ LW ST YB ESPB	LR RD	Lo	NP	17/ 8LT	✓	THV	THV	⊙	
1407	chimps	got lost in		THV						
1417	OBS found	other ID who had								shortly separated
1430		OU AL OT WL OT	OG AT AZ EV	OM OL AN	19/ 19				⊙	
1445		OU AL OT WL OT	OG AT AZ EV	OM OL AN	"				⊙	
1457	chimps	feeding	in	THV						
1507		OU AL OT WL OT	OG AT AZ EV	OM OL AN	19/ 19	✓	THV	THV	⊙	
1503	OU	grooming	OT							
1505	OU and OM	both	groom	OT						
1512	OT	grooming	OU							
1515		OU AL OT WL OT	OG AT AZ EV	OM OL AN	19/ 19	✓	THV	THV	⊙	
1528	OU	grooming	OG							
1530		OU AL OT WL OT	OG AT AZ EV	OM OL AN	19/ 19	✓	THV	THV	⊙	
1535	OT	picked a lp small branch and chewed it at the end and insert it in a tree hole. when there was bees she first pulled it out licked it then placed it back and then the bees became mad chased her away								

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1505		OU AL WL ST OT	OG AT AZ WC	OM OL AN	19/ OLT	✓	THV	THV	⊙	
1537	YB, PB joined the party without making any calls									
1600	YB PB	OU AL WL ST OT	OG AT AZ WC	OM OL AN	19/ OLT	✓	THV	THV	⊙	
1605	YB PB	OU AL WL ST OT	OG AT AZ WC	OM OL AN	u	✓	u	u	⊙	
1630	YB PB	OU AL WL ST OT	OG AT AZ WC	OM OL AN	600 ULT	✓	THV	THV	⊙	
1645	YB PB	OU AL WL ST OT	OG AT AZ WC	OM OL AN	u	✓	u	u	⊙	
1655	YB made vocal displays and PB joined him with vocal displays									
1700	YB PB				17/ Tg				⊙	
1707	PB feeding on TRI YL and at same time YB feed on TRI also -									
1713	YB and PB feeding on THV									
1715	YB PB				17/ Tg	✓	THV	THV	⊙	
1720	YB feeding on MAE (RT)									
1730	YB PB				17/ Tg	✓	THV	THV	⊙	
1745	YB PB				u	✓	u	u	⊙	
1756	Chimps coming out of THV									
1759	chimps climbed into FBR for feeding									

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1650 chimps separated

KPC Behavior

DAY 24 MONTH 08 YEAR 09 KPC ST OTHERS TW FOUND NEST

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	AMM	AFF (Include estrous)	JMM (Juveniles and Infants)	JFF						
1800	YB PB				17/10	✓	PBR RF		⊙	
1815	YB PB									
1819	YB climbed down from PBR followed by PB									
1824	YB entered into an old nest, Tree of nest BOS Height 5m DBH = 12cm									
1826	PB entered into an old nest and started improving it. Tree of nest MVA, Height 8m DBH 12cm									
1830	YB PB				17/10				⊙	
1831	OBS leaving the nest site.									

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							No	Av	Submission	Tn	Rt		

Copulation

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